

6. (amended) Pharmaceutical composition comprising [one or more of the peptides] at least one peptide according to [claims 1-4] claim 1 and a [pharmaceutical] pharmaceutically acceptable carrier.

A2 7. (amended) [Use of one or more of the peptides according to claims 1-4] A method for the manufacture of a pharmaceutical preparation for the induction of specific T-cell tolerance to an autoantigen in patients suffering from autoimmune disorders, [more specifically arthritis] comprising combining a peptide according to claim 1 with a pharmaceutically acceptable carrier.

8. (amended) Diagnostic composition comprising [one or more of the peptides] at least one peptide according to [any of the claims 1-4] claim 1 and a detection agent.

Please add the following new claims 9 - 12.

-- 9. A method for the induction of specific T-cell tolerance in a patient suffering from an autoimmune disorder, comprising administering an effective amount of a peptide according to claim 1. --

A3  
Cm it -- 10. A method for the induction of specific T-cell tolerance in a patient suffering from an autoimmune disorder, comprising administering an effective amount of a peptide according to claim 2. --

-- 11. Peptide according to claim 2 having an amino acid sequence of 13 to 25 amino acid residues. --

-- 12. A method for detecting autoreactive T-cells comprising:  
providing peripheral blood mononuclear cells;  
culturing the peripheral blood mononuclear cells;